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			P10/58/05 (6.1-00)

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Approved for use through 10/31/2002. OMB 0651-0032

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UTILITY **PATENT APPLICATION TRANSMITTAL**

Attorney Docket No. 2011CIP1 First Inventor Jorn Gorlach Expressed sequences of arabidopsis thaliana

(Only for new nonprovisional applications under 37 CFR 1.53(b))	Express Mail Label No. ET327611358US 99				
APPLICATION ELEMENTS	ADDRESS TO: Assistant Commissioner for Patents Box Patent Application				
See MPEP chapter 600 concerning utility patent application contents	and the state of t				
See MPEP chapter 600 concerning utility patent application contents 1. X Fee Transmittal Form (e.g., PTO/SB/17) 2. Applicant claims small entity status. See 37 CFR 1.27. 3. X Specification [Total Pages 45] 2. Descriptive title of the invention 2. Cross Reference to Related Applications 3. Statement Regarding Fed sponsored R & D 4. Reference to sequence listing, a table, or a computer program listing appendix 4. Background of the Invention 5. Claim(s) 6. Abstract of the Disclosure 4. Drawing(s) (35 U.S.C. 113) [Total Sheets] 5. Oath or Declaration [Total Pages] 7. Newly executed (original or copy) 8. Copy from a prior application (37 CFR 1.63 (d)) 9. (for continuation/divisional with Box 18 completed) 1. DELETION OF INVENTOR(S) 8. Signed statement attached deleting inventor(s) 1. named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	Washington, DC 20231 7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. X Computer Readable Form (CRF) b. Specification Sequence Listing on: i. X CD-ROM or CD-R (2 copies); or ii. paper c. X Statements verifying identity of above copies ACCOMPANYING APPLICATION PARTS 9. Assignment Papers (cover sheet & document(s)) 10. 37 CFR 3.73(b) Statement Power of (when there is an assignee) 11. English Translation Document (if applicable) 12. Information Disclosure Statement (IDS)/PTO-1449 13. Preliminary Amendment 14. X Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. Certified Copy of Priority Document(s) (if foreign priority is claimed) 16 Request and Certification under 35 U.S.C. 122				
6. Application Data Sheet. See 37 CFR 1.76	(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. \(\text{X} \) Other: \(\text{copy. of extension of time} \) from parent app.				
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76: Continuation Divisional Examiner Zhou, S Group Art Unit: 1631 For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.					
19. CORRESPON	DENCE ADDRESS				
X Customer Number or Bar Code Label (Insert Customer No or Attach)	or Correspondence address below				
Name					
Address					
City	State Zip Code				
Country Te	elephone Fax				
Name (Print/Type) Joseph Majka	Registration No. (Attorney/Agent) 30,570				
Signature Josef Marker	Date August 7, 2001				

Burden Hour Statement This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO. Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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FEE TRANSMITTAL

for FY 2000

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement,

Patent fees are subject to annual revision.

Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$)1.076.00

Complete if Known				
Application Number				
Filing Date	August 7, 2000			
First Named Inventor	Jorn Gorlach			
Examiner Name	A. Marschel			
Group / Art Unit	1631			
Attorney Docket No.	2011CIP1			

METHOD OF PAYMENT (check one)	FEE CALCULATION (continued)					
The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:		3. ADDITIONAL FEES Large Entity Small Entity				
Deposit Account 50_0885	Cod	Fee (\$)	Fee Cod	Fee e (\$)	Fee Description	Fee Paid
Account Number 50-0885	105	130	205	65	Surcharge - late filing fee or oath	0.00
Deposit Account Name Joseph T. Majka	127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	0.00
Name Joseph 1. Wajka	139	130	139	130	Non-English specification	0.00
Charge Any Additional Fee Required Under 37 CFR §§ 1 16 and 1 17	147	2,520	147	2,520	For filing a request for reexamination	0.00
2. Payment Enclosed:	112	920*	112	920*	Requesting publication of SIR prior to Examiner action	0.00
Check Money Other	113	1,840*	113	1,840	Requesting publication of SIR after Examiner action	0.00
FEE CALCULATION	115	110	215	55	Extension for reply within first month	0.00
1. BASIC FILING FEE	116	380	216	190	Extension for reply within second month	0.00
Large Entity Small Entity	117	870	217	435	Extension for reply within third month	0.00
Fee Fee Fee Fee Description Code (\$) Code (\$) Fee Paid	118	1,360	218	680	Extension for reply within fourth month	0.00
101 600 201 245 Utility filing for	128	1,850	228	925	Extension for reply within fifth month	0.00
106 310 206 155 Design filing fee 710.00	119	300	219	150	Notice of Appeal	0.00
107 480 207 240 Plant filing fee	120	300	220	150	Filing a brief in support of an appeal	0.00
108 690 208 345 Reissue filing fee	121	260	221	130	Request for oral hearing	0.00
114 150 214 75 Provisional filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding	0.00
SUPTOTAL (4) (2) 710 00	140	110	240	55	Petition to revive - unavoidable	0.00
SUBTOTAL (1) (\$) 710.00	141	1,210	241	605	Petition to revive - unintentional	0.00
2. EXTRA CLAIM FEES Fee from	l .	1,210	242	605	Utility issue fee (or reissue)	0.00
Ext <u>ra Claim</u> s <u>below</u> Fee Paid	143	430	243	215	Design issue fee	0.00
Total Claims 27 -20** = 7	144 122	580 130	244 122	290 130	Plant issue fee	0.00
Multiple Dependent					Petitions to the Commissioner	0.00
**or number previously paid, if greater; For Reissues, see below	123	50	123	50	Petitions related to provisional applications	0.00
Large Entity Small Entity	126	240	126	240	Submission of Information Disclosure Strnt	0.00
Fee Fee Fee Fee Description Code (\$) Code (\$)	581	40	581	40	Recording each patent assignment per property (times number of properties)	0.00
103 18 203 9 Claims in excess of 20	146	690	246	345	Filing a submission after final rejection	
102 78 202 39 Independent claims in excess of 3	149	690	249	345	(37 CFR § 1.129(a))	0.00
104 260 204 130 Multiple dependent claim, if not paid	```			2.0	For each additional invention to be examined (37 CFR § 1.129(b))	0.00
109 78 209 39 ** Reissue independent claims over original patent	Other	fee (sp	ecify)			0.00
110 18 210 9 ** Reissue claims in excess of 20 and over original patent	Other	fee (sp	ecify)			0.00
SUBTOTAL (2) (\$) 366.00 *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00						
SUBMITTED BY Complete (if applicable)						
Name (Print/Type) Joseph T. Majka Registration No. (Attorney/Agent) 30,570 Telephone 919-425-2999						
Signature Josef Major Date August 7, 2001						
1010/201010						

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Gorlach, Jorn

Application No.: TBA

Group No.: TBA

Filed: 08/07/2000

Examiner: TBA

For: Expressed sequences of arabidopsis thaliana

Commissioner for Patents Washington, D.C. 20231

SUBMISSION OF "SEQUENCE LISTING," COMPUTER READABLE COPY, AND/OR AMENDMENT PERTAINING THERETO FOR BIOTECHNOLOGY INVENTION CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE

CERTIFICATION UNDER 37 C.F.R. sections 1.8(a) and 1.10*

(When using Express Mail, the Express Mail label number is mandatory; Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

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	deposited with the United States Postal Service in a Washington, D.C. 20231.	e in an envelope addressed to the Assistant Commissioner for Patent			
	37 C.F.R. section 1.8(a)		37 C.F.R. section 1.10*		
	with sufficient postage as first class mail.		as "Express Mail Post Office to Address" Mailing Label No. <u>ET327611358US(mandatory)</u>		
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"Since the filing of correspondence under [section] 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will **not** be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Submission-Nucleotide and/or Amino Acid Sequence--page 1 of 7)

(type or print name of person certifying)

estimate of the

IDENTIFICATION OF PERSON MAKING STATEMENT

1. I, Joseph T. Majka state the following:

ITEMS BEING SUBMITTED

2. Submitted herewith is/are:

"Sequence Listing(s)" for the nucleotide and/or amino acid sequence(s) in this application. Each "Sequence Listing" is assigned a separate identifier as required in 37 C.F.R. section 1.821(c) and 37 C.F.R. sections 1.822 and 1.823.

A statement that the content of each "Sequence Listing" submitted and each computer readable copy are the same, as required in 37 C.F.R. section 1.821(g).

STATEMENT THAT "SEQUENCE LISTING" AND COMPUTER READABLE COPY ARE THE SAME AND/OR THAT PAPERS SUBMITTED INCLUDES NO NEW MATTER

3. I hereby state:

Each computer readable form submitted in this application, including those forms requested to be transferred from applicant's other application, is the same as the "Sequence Listing" to which it is indicated to relate.

STATUS

4. Applicant is other than a small entity.

EXTENSION OF TERM

5. The proceedings herein are for a patent application and the provisions of 37 C.F.R. section 1.136 apply. Applicant believes that no extension of term is required. However, this conditional petition is being made to provide for the possibility that applicant has inadvertently

Mary Han

Hann Hann

overlooked the need for a petition for extension of time.

If any additional extension and/or fee is required, charge Account No. 50-0885.

SIGNATURE(s)

Joseph T. Majka

Signature

Practitioner of record
***IF GF9-37 Filed

Under***Registration Number: 30,570

Date

Paradigm Genetics, Inc 104 Alexander Drive P.O. Box 14528 RTP, NC 27709 Tel. No. 919-425-3000